Message

From: Meacham, John M. [/O=NPPD/OU=CGO/CN=RECIPIENTS/CN=JMMEACH]
Sent: 10/9/2012 4:34:40 PM
To: Spencer, Michael J. [Mick] [mjspenc@nppd.com]
Subject: RE: Coal-fired power plant will be upgraded by B&W, Burns & McDonnell

That was a significant portion of the cost, Mick. For the dry FGD configuration with new baghouses, long duct runs were an issue. To stiffen the existing baghouses, a lengthy outage time period was required.

From: Spencer, Michael J. [Mick]
Sent: Tuesday, October 09, 2012 10:53 AM
To: Meacham, John M.
Subject: RE: Coal-fired power plant will be upgraded by B&W, Burns & McDonnell

John – wasn't the primary sticking point that drove the cost up for the baghouse demo and new baghouse the outage time?

From: Meacham, John M.
Sent: Tuesday, October 09, 2012 9:43 AM
To: Fehr, James R.; Spencer, Michael J. [Mick]
Cc: Citta Jr., Joseph L.; Swanson, John H.; Owens, Timothy J.; Rosenkranz, Jason D.; Phelps, Gerry E.; Nitsch, Bob B.
Subject: RE: Coal-fired power plant will be upgraded by B&W, Burns & McDonnell

Jim – We did consider several different arrangements for new baghouses and upgrades to the existing baghouses to allow dry scrubbers to be installed. While the comparison of costs of at least one of these arrangements was close to the costs of wet scrubbers, wet scrubbers ended up being the overall low cost proposition.

From: Fehr, James R.
Sent: Tuesday, October 09, 2012 7:53 AM
To: Meacham, John M.; Spencer, Michael J. [Mick]
Cc: Citta Jr., Joseph L.; Swanson, John H.; Owens, Timothy J.; Rosenkranz, Jason D.
Subject: Coal-fired power plant will be upgraded by B&W, Burns & McDonnell

John – This might be a dumb question, but did we ever consider the demolition of the existing baghouse to allow the building of a dry scrubber & new pulse jet baghouse. I realize each site is unique (i.e., costs), but noticed the price below is ~40% less than the wet scrubber estimate. Maybe the downtime in this configuration is too much?

Jim

http://www.power-eng.com/articles/2012/10/coal-fired-power-plant-will-be-upgraded-by-bw-burns-mcdonnell.html

Oct 4, 2012

The Babcock & Wilcox Co. (B&W, NYSE: BWC) on Oct. 4 said a joint venture of subsidiary Babcock & Wilcox Construction Co. Inc. (BWCC) was awarded a $290 million contract to engineer, procure and construct environmental control systems for Interstate Power and Light Co.'s (IPL) 726 MW coal-fired Ottumwa Generating Station in Ottumwa, Iowa.

B&W's portion of the contract includes $43 million for the design and supply of environmental equipment.

BWCC and its joint venture partner, Burns & McDonnell Engineering Co. Inc., will perform site construction, including the erection of two B&W spray dry absorber (SDA) systems for sulfur dioxide (SO_2) control and two pulse jet fabric filter baghouses to control particulate emissions at the Ottumwa plant. The team also will provide engineering services for the balance of plant and supply flues, fans, foundations and electrical work.

Work is underway at the construction site, with start-up and commissioning of environmental equipment scheduled to be complete by January 2015.